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* * * * * Welcome to STN International * * * * *

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NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 JAN 17 Pre-1988 INPI data added to MARPAT
NEWS 4 FEB 21 STN AnaVist, Version 1.1, lets you share your STN AnaVist
visualization results
NEWS 5 FEB 22 The IPC thesaurus added to additional patent databases on STN
NEWS 6 FEB 22 Updates in EPFULL; IPC 8 enhancements added
NEWS 7 FEB 27 New STN AnaVist pricing effective March 1, 2006
NEWS 8 MAR 03 Updates in PATDPA; addition of IPC 8 data without attributes
NEWS 9 MAR 22 EMBASE is now updated on a daily basis
NEWS 10 APR 03 New IPC 8 fields and IPC thesaurus added to PATDPAFULL
NEWS 11 APR 03 Bibliographic data updates resume; new IPC 8 fields and IPC
thesaurus added in PCTFULL
NEWS 12 APR 04 STN AnaVist \$500 visualization usage credit offered
NEWS 13 APR 12 LINSPEC, learning database for INSPEC, reloaded and enhanced
NEWS 14 APR 12 Improved structure highlighting in FQHIT and QHIT display
in MARPAT
NEWS 15 APR 12 Derwent World Patents Index to be reloaded and enhanced during
second quarter; strategies may be affected
NEWS 16 MAY 10 CA/CAPLUS enhanced with 1900-1906 U.S. patent records
NEWS 17 MAY 11 KOREAPAT updates resume
NEWS 18 MAY 19 Derwent World Patents Index to be reloaded and enhanced
NEWS 19 MAY 30 IPC 8 Rolled-up Core codes added to CA/CAPLUS and
USPATFULL/USPAT2
NEWS 20 MAY 30 The F-Term thesaurus is now available in CA/CAPLUS
NEWS 21 JUN 02 The first reclassification of IPC codes now complete in
INPADOC

NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT
<http://download.cas.org/express/v8.0-Discover/>

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8
NEWS X25 X.25 communication option no longer available after June 2006

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specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:32:10 ON 12 JUN 2006

=> file medline, agricola, caba, caplus, biosis, biotechno
COST IN U.S. DOLLARS SINCE FILE TOTAL

	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'MEDLINE' ENTERED AT 11:32:25 ON 12 JUN 2006

FILE 'AGRICOLA' ENTERED AT 11:32:25 ON 12 JUN 2006

FILE 'CABA' ENTERED AT 11:32:25 ON 12 JUN 2006
COPYRIGHT (C) 2006 CAB INTERNATIONAL (CABI)

FILE 'CAPLUS' ENTERED AT 11:32:25 ON 12 JUN 2006
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FILE 'BIOSIS' ENTERED AT 11:32:25 ON 12 JUN 2006
Copyright (c) 2006 The Thomson Corporation

FILE 'BIOTECHNO' ENTERED AT 11:32:25 ON 12 JUN 2006
COPYRIGHT (C) 2006 Elsevier Science B.V., Amsterdam. All rights reserved.

=> s (cahoon, r? or cahoon r?)/au
L1 171 (CAHOON, R? OR CAHOON R?)/AU

=> s (butler, k? or butler k?)/au
L2 1410 (BUTLER, K? OR BUTLER K?)/AU

=> s (gordon adj kamm)/au
L3 0 (GORDON ADJ KAMM)/AU

=> s (gordon-kamm, w? or gordon-kamm w?)/au
L4 164 (GORDON-KAMM, W? OR GORDON-KAMM W?)/AU

=> s (lowe, k? or lowe k?)/au
L5 1599 (LOWE, K? OR LOWE K?)/AU

=> s (tao, y? or tao y?)/au
L6 3049 (TAO, Y? OR TAO Y?)/AU

=> s (orozco, e? or orozco e?)/au
L7 815 (OROZCO, E? OR OROZCO E?)/AU

=> s (klein, t? or klein t?)/au
L8 2862 (KLEIN, T? OR KLEIN T?)/AU

=> s (odell, j? or odell j?)/au
L9 463 (ODELL, J? OR ODELL J?)/AU

=> s l1 and l2 and l4 and l5 and l6 and l7 and l8 and l9
L10 0 L1 AND L2 AND L4 AND L5 AND L6 AND L7 AND L8 AND L9

=> s l1 or l2 or l4 or l5 or l6 or l7 or l8 or l9
L11 10399 L1 OR L2 OR L4 OR L5 OR L6 OR L7 OR L8 OR L9

=> s (cyclin(w)d or d(w)cyclin or d(w)type(w)cyclin or delta(w)cyclin or cyclin(w)delta)
L12 5363 (CYCLIN(W) D OR D(W) CYCLIN OR D(W) TYPE(W) CYCLIN OR DELTA(W)
CYCLIN OR CYCLIN(W) DELTA)

=> s corn or zea or maize
L13 565827 CORN OR ZEA OR MAIZE

=> s l12 and l13
L14 55 L12 AND L13

=> s l11 and l14
L15 7 L11 AND L14

=> duplicate remove l15
DUPLICATE PREFERENCE IS 'CABA, CAPLUS, BIOSIS'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

PROCESSING COMPLETED FOR L15
L16 6 DUPLICATE REMOVE L15 (1 DUPLICATE REMOVED)

=> d l16 1-6 ti

L16 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN
TI Identification of a **corn** homolog of cyclin E by gene discovery
for use in the control of the cell cycle and plant growth

L16 ANSWER 2 OF 6 CABA COPYRIGHT 2006 CABI on STN DUPLICATE 1
TI Using genes that stimulate the cell cycle to improve **maize**
transformation.

L16 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN
TI Plant **cyclin D** proteins and their encoding nucleic
acids and agrochemical applications

L16 ANSWER 4 OF 6 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
TI **Maize D-type cyclin** genes and
their potential for improving transformation.

L16 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN
TI Cloning of cDNA sequences encoding plant cyclins

L16 ANSWER 6 OF 6 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
TI The **maize D-type cyclin** family
(ZmCycD): Genes and functions.

=> d l16 2-6 bib

L16 ANSWER 2 OF 6 CABA COPYRIGHT 2006 CABI on STN DUPLICATE 1
AN 2003:91158 CABA
DN 20033061961
TI Using genes that stimulate the cell cycle to improve **maize**
transformation
AU Gordon-Kamm, B.; Tao, Y. M.; Dilkes, B.; Lowe, K.;
Hoerster, G.; Sun, X. F.; Ross, M.; Church, L.; Bunde, C.; Farrell, J.;
Hill, P.; Maddock, S.; Snyder, J.; Dante, R.; Bidney, D.; Bowen, B.; John,
P.; Larkins, B.; Vasil, I. K. [EDITOR]
CS Pioneer Hi-Bred, International, Inc., Johnston, IA 50131, USA.
William.Gordon-Kamm@Pioneer.com
SO Plant biotechnology 2002 and beyond. Proceedings of the 10th IAPTC&B
Congress, Orlando, Florida, USA, 23-28 June, 2002, (2003) pp. 255-258. 5
ref.
Publisher: Kluwer Academic Publishers. Dordrecht
Price: Book chapter; Conference paper .
Meeting Info.: Plant biotechnology 2002 and beyond. Proceedings of the
10th IAPTC&B Congress, Orlando, Florida, USA, 23-28 June, 2002.
ISBN: 1-4020-1126-1
CY Netherlands Antilles
DT Journal
LA English
ED Entered STN: 6 Jun 2003
Last Updated on STN: 6 Jun 2003

L16 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2000:210385 CAPLUS
DN 132:247186
TI Plant **cyclin D** proteins and their encoding nucleic
acids and agrochemical applications
IN Lowe, Keith S.; Tao, Yumin; Gordon-Kamm, William
J.; Gregory, Carolyn A.; McElver, John A.; Hoerster, George J.
PA Pioneer Hi-Bred International, Inc., USA
SO PCT Int. Appl., 135 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 4

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2000017364	A2	20000330	WO 1999-US21946	19990921
	WO 2000017364	A3	20000713		
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2343697	AA	20000330	CA 1999-2343697	19990921
	AU 9963972	A1	20000410	AU 1999-63972	19990921
	AU 769488	B2	20040129		
	EP 1115868	A2	20010718	EP 1999-951552	19990921
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2002526080	T2	20020820	JP 2000-574263	19990921
PRAI	US 1998-101551P	P	19980923		
	WO 1999-US21946	W	19990921		

L16 ANSWER 4 OF 6 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
AN 2000:335033 BIOSIS
DN PREV200000335033
TI **Maize D-type cyclin genes and**
their potential for improving transformation.
AU **Tao, Yumin** [Reprint author]; **Lowe, Keith** [Reprint
author]; Hoerster, George [Reprint author]; Gregory, Carolyn [Reprint
author]; Maddock, Sheila [Reprint author]; Bidney, Dennis [Reprint
author]; Gordon-Kamm, Bill [Reprint author]
CS Pioneer Hi-Bred International, Inc., Johnston, IA, 50010, USA
SO In Vitro Cellular and Developmental Biology Animal, (March, 2000) Vol. 36,
No. 3 Part 2, pp. 33.A. print.
Meeting Info.: Meeting of the Society for In Vitro Biology World Congress
on In Vitro Biology. San Diego, California, USA. June 10-15, 2000.
ISSN: 1071-2690.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 10 Aug 2000
Last Updated on STN: 7 Jan 2002

L16 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1999:626035 CAPLUS
DN 131:254010
TI Cloning of cDNA sequences encoding plant cyclins
IN **Cahoon, Rebecca E.; Klein, Theodore M.; Odell,**
Joan T.; Orozco, Emil M., Jr.
PA E. I. Du Pont de Nemours & Co., USA
SO PCT Int. Appl., 69 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9948486	A2	19990930	WO 1999-US6047	19990319
	WO 9948486	A3	19991209		
	W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	AU 9931035	A1	19991018	AU 1999-31035	19990319
	BR 9907965	A	20001212	BR 1999-7965	19990319
	EP 1063979	A2	20010103	EP 1999-912723	19990319
	R: DE, FR, GB				
	EP 1338652	A2	20030827	EP 2003-11698	19990319

EP 1338652	A3	20040519		
R: DE, FR, GB				
US 2005148765	A1	20050707	US 2004-814492	20040331
PRAI US 1998-78948P	P	19980323		
EP 1999-912723	A3	19990319		
WO 1999-US6047	W	19990319		
US 2000-665308	B3	20000919		

L16 ANSWER 6 OF 6 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
AN 2003:155923 BIOSIS
DN PREV200300155923
TI The **maize D-type cyclin** family
(ZmCycD): Genes and functions.
AU **Tao, Yumin** [Reprint Author]; **Lowe, Keith S.** [Reprint
Author]; Hoerster, George J. [Reprint Author]; Gregory, Carolyn [Reprint
Author]; Maddock, Sheila [Reprint Author]; Bidney, Dennis [Reprint
Author]; **Gordon-Kamm, William J.** [Reprint Author]
CS Pioneer Hi-Bred International Inc., Des Moines, IA, USA
taoyumin@phibred.com
SO Plant Biology (Rockville), (1999) Vol. 1999, pp. 154. print.
Meeting Info.: Annual Meeting of the American Society of Plant
Physiologists. Baltimore, Maryland, USA. July 24-28, 1999. American
Society of Plant Physiologists (ASPP).
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 26 Mar 2003
Last Updated on STN: 26 Mar 2003

=> d his

(FILE 'HOME' ENTERED AT 11:32:10 ON 12 JUN 2006)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
11:32:25 ON 12 JUN 2006

L1 171 S (CAHOON, R? OR CAHOON R?)/AU
L2 1410 S (BUTLER, K? OR BUTLER K?)/AU
L3 0 S (GORDON ADJ KAMM)/AU
L4 164 S (GORDON-KAMM, W? OR GORDON-KAMM W?)/AU
L5 1599 S (LOWE, K? OR LOWE K?)/AU
L6 3049 S (TAO, Y? OR TAO Y?)/AU
L7 815 S (OROZCO, E? OR OROZCO E?)/AU
L8 2862 S (KLEIN, T? OR KLEIN T?)/AU
L9 463 S (ODELL, J? OR ODELL J?)/AU
L10 0 S L1 AND L2 AND L4 AND L5 AND L6 AND L7 AND L8 AND L9
L11 10399 S L1 OR L2 OR L4 OR L5 OR L6 OR L7 OR L8 OR L9
L12 5363 S (CYCLIN(W)D OR D(W)CYCLIN OR D(W)TYPE(W)CYCLIN OR DELTA(W)CYC
L13 565827 S CORN OR ZEA OR MAIZE
L14 55 S L12 AND L13
L15 7 S L11 AND L14
L16 6 DUPLICATE REMOVE L15 (1 DUPLICATE REMOVED)

=> s l14 not l15

L17 48 L14 NOT L15

=> duplicate remove l17

DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

PROCESSING COMPLETED FOR L17

L18 21 DUPLICATE REMOVE L17 (27 DUPLICATES REMOVED)

=> d l18 1-10 ti

L18 ANSWER 1 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
TI Resorcylic acid lactone kinase inhibitors, and their therapeutic use for
the treatment of cancers and other conditions

L18 ANSWER 2 OF 21 MEDLINE on STN DUPLICATE 1
TI Differential response of PCNA and Cdk-A proteins and associated kinase

activities to benzyladenine and abscisic acid during **maize** seed germination.

L18 ANSWER 3 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
TI Methods for decreasing synthesis of retinoblastoma 1 in rice for improved growth and yield

L18 ANSWER 4 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
TI Enhanced **corn** silk exsertion under stress

L18 ANSWER 5 OF 21 MEDLINE on STN
TI Phosphorylation of retinoblastoma-related protein by the **cyclin D/cyclin**-dependent kinase complex is activated at the G1/S-phase transition in tobacco.

L18 ANSWER 6 OF 21 MEDLINE on STN DUPLICATE 2
TI PCNA protein associates to Cdk-A type protein kinases in germinating **maize**.

L18 ANSWER 7 OF 21 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
TI IN UTERO EXPOSURE TO TETRACHLORODIBENZO - P - DIOXIN (TCDD) INCREASES LEVEL OF P15INK4B EXPRESSION IN THE NEURAL PROGENITOR CELLS OF THE DEVELOPING MURINE NEOCORTEX.

L18 ANSWER 8 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
TI Enhanced stress tolerance in **maize** via manipulation of cell cycle regulatory genes

L18 ANSWER 9 OF 21 BIOTECHNO COPYRIGHT 2006 Elsevier Science B.V. on STN
TI Towards a virtual Arabidopsis plant

L18 ANSWER 10 OF 21 MEDLINE on STN DUPLICATE 3
TI A cell-cycle-regulated kinase activity phosphorylates plant retinoblastoma protein and contains, in Arabidopsis, a CDKA/**cyclin D** complex.

=> d l18 8 bib

L18 ANSWER 8 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2001:247524 CAPLUS
DN 134:278070
TI Enhanced stress tolerance in **maize** via manipulation of cell cycle regulatory genes
IN Sun, Yuejin; Habben, Jeffrey E.
PA Pioneer Hi-Bred International, Inc., USA
SO PCT Int. Appl., 33 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001023594	A2	20010405	WO 2000-US26405	20000926
	WO 2001023594	A3	20011206		
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2374431	AA	20010405	CA 2000-2374431	20000926
	EP 1220936	A2	20020710	EP 2000-965435	20000926
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
	AU 780301	B2	20050317	AU 2000-76155	20000926
PRAI	US 1999-156222P	P	19990927		

=> d l18 11-21 ti

L18 ANSWER 11 OF 21 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN

TI A potential mechanism for fumonisin B1-mediated hepatocarcinogenesis: Cyclin D1 stabilization associated with activation of Akt and inhibition of GSK-3beta activity.

L18 ANSWER 12 OF 21 CABA COPYRIGHT 2006 CABI on STN DUPLICATE 4

TI Cell cycle control during **maize** germination.

L18 ANSWER 13 OF 21 CABA COPYRIGHT 2006 CABI on STN DUPLICATE 5

TI Proliferating cell nuclear antigen expression in **maize** seed development and germination: regulation by phytohormones and its association with putative cell cycle proteins.

L18 ANSWER 14 OF 21 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN

TI Isolation of **cyclin D** gene from **Zea mays** and its involvement in the formation of lateral roots.

L18 ANSWER 15 OF 21 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN

TI The involvement of Cdc2/**cyclin D** in the induction of lateral roots in **Zea mays**.

L18 ANSWER 16 OF 21 MEDLINE on STN

TI Tobacco retinoblastoma-related protein phosphorylated by a distinct cyclin-dependent kinase complex with Cdc2/**cyclin D** in vitro.

L18 ANSWER 17 OF 21 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN

TI Cell cycle control during **maize** germination.

L18 ANSWER 18 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN

TI **D-type cyclin** gene cloning, sequence, and expression in genetic engineering of plants with modified growth

L18 ANSWER 19 OF 21 CABA COPYRIGHT 2006 CABI on STN DUPLICATE 6

TI Effect of stimulating **maize** germination on cell cycle proteins.

L18 ANSWER 20 OF 21 MEDLINE on STN DUPLICATE 7

TI The **maize** retinoblastoma protein homologue ZmRb-1 is regulated during leaf development and displays conserved interactions with G1/S regulators and plant **cyclin D** (CycD) proteins.

L18 ANSWER 21 OF 21 MEDLINE on STN DUPLICATE 8

TI RRB1 and RRB2 encode **maize** retinoblastoma-related proteins that interact with a plant **D-type cyclin** and geminivirus replication protein.

=> d l18 14,15 bib

L18 ANSWER 14 OF 21 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN

AN 2003:65442 BIOSIS

DN PREV200300065442

TI Isolation of **cyclin D** gene from **Zea mays** and its involvement in the formation of lateral roots.

AU Li, Rui [Reprint Author]; Zavala, Maria Elena [Reprint Author]

CS Dept. of Biology, California State University, Northridge, Northridge, CA, USA

rl38500@csun.edu

SO Plant Biology (Rockville), (2000) Vol. 2000, pp. 70. print.

Meeting Info.: Annual Meeting of the American Society of Plant

Physiologists. San Diego, California, USA. July 15-19, 2000. American Society of Plant Physiologists (ASPP).
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 LA English
 ED Entered STN: 29 Jan 2003
 Last Updated on STN: 29 Jan 2003

L18 ANSWER 15 OF 21 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
 AN 2001:355206 BIOSIS
 DN PREV200100355206
 TI The involvement of Cdc2/cyclin D in the induction of lateral roots in *Zea mays*.
 AU Li, Rui [Reprint author]; Zavala, MariaElena
 CS Biology, California State University Northridge, 18111 Nordhoff st, Northridge, CA, 91330-8303, USA
 SO Molecular Biology of the Cell, (Dec., 2000) Vol. 11, No. Supplement, pp. 37a. print.
 Meeting Info.: 40th American Society for Cell Biology Annual Meeting. San Francisco, CA, USA. December 09-13, 2000. American Society for Cell Biology.
 CODEN: MBCEEV. ISSN: 1059-1524.
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 LA English
 ED Entered STN: 2 Aug 2001
 Last Updated on STN: 19 Feb 2002

=> s (cycd2 or cyclin(w)delta(w)2)(s)(corn or zea or maize)
 L19 2 (CYCD2 OR CYCLIN(W) DELTA(W) 2)(S)(CORN OR ZEA OR MAIZE)

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 L20 2 DUPLICATE REMOVE L19 (0 DUPLICATES REMOVED)

=> d l20 1-2 ti

L20 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Cloning of cDNA sequences encoding plant cyclins

L20 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
 TI D-type cyclin gene cloning, sequence, and expression in genetic engineering of plants with modified growth

=> d his

(FILE 'HOME' ENTERED AT 11:32:10 ON 12 JUN 2006)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT 11:32:25 ON 12 JUN 2006

L1 171 S (CAHOON, R? OR CAHOON R?)/AU
 L2 1410 S (BUTLER, K? OR BUTLER K?)/AU
 L3 0 S (GORDON ADJ KAMM)/AU
 L4 164 S (GORDON-KAMM, W? OR GORDON-KAMM W?)/AU
 L5 1599 S (LOWE, K? OR LOWE K?)/AU
 L6 3049 S (TAO, Y? OR TAO Y?)/AU
 L7 815 S (OROZCO, E? OR OROZCO E?)/AU
 L8 2862 S (KLEIN, T? OR KLEIN T?)/AU
 L9 463 S (ODELL, J? OR ODELL J?)/AU
 L10 0 S L1 AND L2 AND L4 AND L5 AND L6 AND L7 AND L8 AND L9
 L11 10399 S L1 OR L2 OR L4 OR L5 OR L6 OR L7 OR L8 OR L9
 L12 5363 S (CYCLIN(W)D OR D(W)CYCLIN OR D(W)TYPE(W)CYCLIN OR DELTA(W)CYC
 L13 565827 S CORN OR ZEA OR MAIZE
 L14 55 S L12 AND L13
 L15 7 S L11 AND L14
 L16 6 DUPLICATE REMOVE L15 (1 DUPLICATE REMOVED)
 L17 48 S L14 NOT L15

L18 21 DUPLICATE REMOVE L17 (27 DUPLICATES REMOVED)
L19 2 S (CYCD2 OR CYCLIN(W)DELTA(W)2) (S) (CORN OR ZEA OR MAIZE)
L20 2 DUPLICATE REMOVE L19 (0 DUPLICATES REMOVED)

=> s l20 not l11

L21 1 L20 NOT L11

=> d l21 bib

L21 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1998:672672 CAPLUS
DN 129:256030
TI D-type cyclin gene cloning, sequence, and expression in genetic
engineering of plants with modified growth
IN Murray, James Augustus Henry
PA Cambridge University Technical Services Ltd., UK
SO PCT Int. Appl., 76 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 9842851	A1	19981001	WO 1998-EP1701	19980324
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	CA 2282715	AA	19981001	CA 1998-2282715	19980324
	AU 9875212	A1	19981020	AU 1998-75212	19980324
	AU 751341	B2	20020815		
	BR 9807886	A	20000222	BR 1998-7886	19980324
	EP 1044279	A1	20001018	EP 1998-922630	19980324
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2001519659	T2	20011023	JP 1998-542072	19980324
	MX 9908795	A	20000731	MX 1999-8795	19990924
	US 6559358	B1	20030506	US 1999-404296	19990924
	US 2003221221	A1	20031127	US 2003-388269	20030312
PRAI	EP 1997-302096	A	19970326		
	WO 1998-EP1701	W	19980324		
	US 1999-404296	A1	19990924		

RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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(FILE 'HOME' ENTERED AT 11:32:10 ON 12 JUN 2006)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
11:32:25 ON 12 JUN 2006

L1 171 S (CAHOON, R? OR CAHOON R?)/AU
L2 1410 S (BUTLER, K? OR BUTLER K?)/AU
L3 0 S (GORDON ADJ KAMM)/AU
L4 164 S (GORDON-KAMM, W? OR GORDON-KAMM W?)/AU
L5 1599 S (LOWE, K? OR LOWE K?)/AU
L6 3049 S (TAO, Y? OR TAO Y?)/AU
L7 815 S (OROZCO, E? OR OROZCO E?)/AU
L8 2862 S (KLEIN, T? OR KLEIN T?)/AU
L9 463 S (ODELL, J? OR ODELL J?)/AU
L10 0 S L1 AND L2 AND L4 AND L5 AND L6 AND L7 AND L8 AND L9
L11 10399 S L1 OR L2 OR L4 OR L5 OR L6 OR L7 OR L8 OR L9
L12 5363 S (CYCLIN(W)D OR D(W)CYCLIN OR D(W)TYPE(W)CYCLIN OR DELTA(W)CYC
L13 565827 S CORN OR ZEA OR MAIZE
L14 55 S L12 AND L13

L15 7 S L11 AND L14
 L16 6 DUPLICATE REMOVE L15 (1 DUPLICATE REMOVED)
 L17 48 S L14 NOT L15
 L18 21 DUPLICATE REMOVE L17 (27 DUPLICATES REMOVED)
 L19 2 S (CYCD2 OR CYCLIN(W)DELTA(W)2) (S) (CORN OR ZEA OR MAIZE)
 L20 2 DUPLICATE REMOVE L19 (0 DUPLICATES REMOVED)
 L21 1 S L20 NOT L11

=> file uspatfull

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	104.32	104.53

FILE 'USPATFULL' ENTERED AT 11:45:52 ON 12 JUN 2006
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FILE COVERS 1971 TO PATENT PUBLICATION DATE: 8 Jun 2006 (20060608/PD)
 FILE LAST UPDATED: 8 Jun 2006 (20060608/ED)
 HIGHEST GRANTED PATENT NUMBER: US7058980
 HIGHEST APPLICATION PUBLICATION NUMBER: US2006123525
 CA INDEXING IS CURRENT THROUGH 8 Jun 2006 (20060608/UPCA)
 ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 8 Jun 2006 (20060608/PD)
 REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2006
 USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2006

=> s 110

102 CAHOON, R?/AU
 102 CAHOON R?/AU
 105 BUTLER, K?/AU
 105 BUTLER K?/AU
 61 GORDON-KAMM, W?/AU
 61 GORDON-KAMM W?/AU
 71 LOWE, K?/AU
 71 LOWE K?/AU
 90 TAO, Y?/AU
 90 TAO Y?/AU
 29 OROZCO, E?/AU
 29 OROZCO E?/AU
 146 KLEIN, T?/AU
 146 KLEIN T?/AU
 49 ODELL, J?/AU
 49 ODELL J?/AU

L22 1 L1 AND L2 AND L4 AND L5 AND L6 AND L7 AND L8 AND L9

=> d 122 bib

L22 ANSWER 1 OF 1 USPATFULL on STN

AN 2005:172016 USPATFULL

TI Plant cell cyclin genes

IN Cahoon, Rebecca E., Webster Groves, MO, UNITED STATES
 Butler, Karlene H., Newark, DE, UNITED STATES
 Gordon-Kamm, William James, Urbandale, IA, UNITED STATES
 Lowe, Keith S., Johnston, IA, UNITED STATES
 Tao, Yumin, Ames, IA, UNITED STATES
 Orozco, Emil M. JR., Cochranville, PA, UNITED STATES
 Klein, Theodore M., Wilmington, DE, UNITED STATES
 Odell, Joan T., Unionville, PA, UNITED STATES

PI US 2005148765 A1 20050707

AI US 2004-814492 A1 20040331 (10)

RLI Division of Ser. No. US 2000-665308, filed on 19 Sep 2000, ABANDONED
 Continuation of Ser. No. WO 1999-US6047, filed on 19 Mar 1999, PENDING

PRAI US 1998-78948P 19980323 (60)

DT Utility

FS APPLICATION

LREP E I DU PONT DE NEMOURS AND COMPANY, LEGAL PATENT RECORDS CENTER, BARLEY
 MILL PLAZA 25/1128, 4417 LANCASTER PIKE, WILMINGTON, DE, 19805, US

CLMN Number of Claims: 11

ECL Exemplary Claim: 1-26

DRWN 5 Drawing Page(s)

LN.CNT 2361
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

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L8 2862 S (KLEIN, T? OR KLEIN T?)/AU
L9 463 S (ODELL, J? OR ODELL J?)/AU
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L16 6 DUPLICATE REMOVE L15 (1 DUPLICATE REMOVED)
L17 48 S L14 NOT L15
L18 21 DUPLICATE REMOVE L17 (27 DUPLICATES REMOVED)
L19 2 S (CYCD2 OR CYCLIN(W)DELTA(W)2) (S) (CORN OR ZEA OR MAIZE)
L20 2 DUPLICATE REMOVE L19 (0 DUPLICATES REMOVED)
L21 1 S L20 NOT L11

FILE 'USPATFULL' ENTERED AT 11:45:52 ON 12 JUN 2006

L22 1 S L10

=> s l19

29 CYCD2
6670 CYCLIN
385839 DELTA
4474289 2
101820 CORN
8560 ZEA
29234 MAIZE
L23 6 (CYCD2 OR CYCLIN(W) DELTA(W) 2) (S) (CORN OR ZEA OR MAIZE)

=> s l23 not l22

L24 5 L23 NOT L22

=> d l24 1-5 bib

L24 ANSWER 1 OF 5 USPATFULL on STN

AN 2005:126399 USPATFULL

TI Transgenic plants with improved phenotypes

IN Edgerton, Michael D., St. Louis, MO, UNITED STATES

PI US 2005108791 A1 20050519

AI US 2003-732923 A1 20031210 (10)

RLI Continuation-in-part of Ser. No. US 2002-310154, filed on 4 Dec 2002,
PENDING

PRAI US 2001-337358P 20011204 (60)

US 2003-449054P 20030222 (60)

DT Utility

FS APPLICATION

LREP MONSANTO COMPANY, 800 N. LINDBERGH BLVD., ATTENTION: G.P. WUELLNER, IP
PARALEGAL, (E2NA), ST. LOUIS, MO, 63167, US

CLMN Number of Claims: 18

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 2811

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L24 ANSWER 2 OF 5 USPATFULL on STN
AN 2003:331453 USPATFULL
TI Gene sequences and uses thereof in plants
IN Edgerton, Michael D., St. Louis, MO, UNITED STATES
Chomet, Paul S., Mystic, CT, UNITED STATES
Laccetti, Lucille B., Groton, CT, UNITED STATES
PI US 2003233670 A1 20031218
AI US 2002-310154 A1 20021204 (10)
PRAI US 2001-337358P 20011204 (60)
DT Utility
FS APPLICATION
LREP MONSANTO COMPANY, 800 N. LINDBERGH BLVD., ATTENTION: G.P. WUELLNER, IP
PARALEGAL, (E2NA), ST. LOUIS, MO, 63167
CLMN Number of Claims: 28
ECL Exemplary Claim: 1
DRWN 2 Drawing Page(s)
LN.CNT 14098
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L24 ANSWER 3 OF 5 USPATFULL on STN
AN 2003:313613 USPATFULL
TI Plants with modified growth
IN Murray, James Augustus Henry, Cambridge, UNITED KINGDOM
PA Cambridge University Technical Services, Ltd., Cambridge, UNITED
KINGDOM, CB2 1TS (non-U.S. corporation)
PI US 2003221221 A1 20031127
AI US 2003-388269 A1 20030312 (10)
RLI Continuation of Ser. No. US 1999-404296, filed on 24 Sep 1999, GRANTED,
Pat. No. US 6559358 Continuation of Ser. No. WO 1998-EP1701, filed on 24
Mar 1998, UNKNOWN
PRAI GB 1997-302096 19970326
DT Utility
FS APPLICATION
LREP BIRCH STEWART KOLASCH & BIRCH, PO BOX 747, FALLS CHURCH, VA, 22040-0747
CLMN Number of Claims: 8
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 2792
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L24 ANSWER 4 OF 5 USPATFULL on STN
AN 2003:123452 USPATFULL
TI Plants with modified growth
IN Murray, James Augustus Henry, Cambridge, UNITED KINGDOM
PA Cambridge University Technical Services, Ltd., Cambridge, UNITED KINGDOM
(non-U.S. corporation)
PI US 6559358 B1 20030506
AI US 1999-404296 19990924 (9)
RLI Continuation of Ser. No. WO 1998-EP1701, filed on 24 Mar 1998
PRAI EP 1997-302096 19970326
DT Utility
FS GRANTED
EXNAM Primary Examiner: McElwain, Elizabeth F.; Assistant Examiner: Collins,
Cynthia
LREP Svensson, Leonard S., Birch, Stewart, Kolasch & Birch, LLP
CLMN Number of Claims: 7
ECL Exemplary Claim: 1
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 3127
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L24 ANSWER 5 OF 5 USPATFULL on STN
AN 2002:291078 USPATFULL
TI Polynucleotides and polypeptides derived from corn ear
IN Lalgudi, Raghunath V., Clayton, MO, United States
Ito, Laura Y., Pleasanton, CA, United States
Sherman, Bradley K., Oakland, CA, United States
PA Incyte Genomics, Inc., Palo Alto, CA, United States (U.S. corporation)
PI US 6476212 B1 20021105
AI US 1999-313294 19990514 (9)

PRAI US 1998-86722P 19980526 (60)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Brusca, John S.; Assistant Examiner: Moran, Marjorie A.
LREP Incyte Genomics, Inc., Murry, Lynn E.
CLMN Number of Claims: 5
ECL Exemplary Claim: 1
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 23084
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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FILE 'USPATFULL' ENTERED AT 11:45:52 ON 12 JUN 2006

L22 1 S L10
L23 6 S L19
L24 5 S L23 NOT L22

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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	8.86	113.39

STN INTERNATIONAL LOGOFF AT 11:47:21 ON 12 JUN 2006